Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Friday 17 Mar 2023 until 23:59 on Saturday 18 Mar 2023

Forecast Issued on Friday 17 Mar 2023 at 04:08

Confidence: High for mild and showery conditions through Friday and Saturday then for a window for more settled weather on Sunday. Some uncertainty in the timings of rain from late Sunday onwards so please keep up to date with the forecast.

Headline for Friday 17 Mar 2023: A cloudy start but brightening up. Scattered heavy showers developing. Breezy on the tops.

Mountain weather hazards on Friday 17 Mar 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
Medium Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Cloudy	Light rain showers	Heavy rain showers	Heavy rain showers	Light rain
Precipitation probability					
40%	20%	60%	80%	60%	60%

Forecast for Friday 17 Mar 2023

Weather: A largely cloudy morning with some showers but some brightness around, mainly in the east towards lunch. Developing brightness will also allow showers to bubble up, with these eventually becoming heavy with a chance of hail and thunder. Becoming more generally cloudy once again to end the day with further showers in the evening.

Chance of cloud-free hill tops above 600m: 30% in morning, best chance in east. Improving to 70% by afternoon.

Low Cloud and visibility: Areas of fog and low cloud above 300m overnight and in the morning, mainly over western hills, with patches on lower slopes. Cloud lifting and breaking by the afternoon with most summits clearing. Away from cloud, mainly good but briefly less than 10km in any showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Friday 17 Mar 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/21 SW	15/19 S	13/18 S	11/15 S	7/11 SE	8/14 SE	8/13 SE
300	7/19 SW	6/14 S	8/16 S	6/13 S	4/9 SE	4/11 SE	4/11 SE
Valley	6/18 S	6/15 S	7/15 S	6/12 S	5/12 E	6/13 E	5/12 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/2	6/2	7/3	7/4	7/4	6/4	6/3
300	8/6	8/6	10/8	10/8	8/7	7/6	7/6
Valley	9/7	10/8	11/10	12/11	10/8	9/8	9/7
Freezing Level*	1500m	1500m	1400m	1400m	1500m	1600m	1700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A mild day down in the valleys but still feeling rather chilly on the tops, especially in low cloud and in any showers.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 17 Mar 2023	5mm	19.2mm	23.2mm

Forecast for Saturday 18 Mar 2023

Weather: Mainly cloudy with occasional showers, perhaps heavy at times. Some bright spells in the afternoon, best chance of these in the north and east. Becoming dry, clear and colder in the evening.

Maximum wind: South or Southwest 10-15mph, gusts 20-25mph.

Chance of cloud-free hill tops above 600m: 40%, becoming 90% during evening.

Low Cloud and visibility: Areas of low cloud and fog above 500m with patches on lower slopes, lifting to 700m in the afternoon then clearing totally during the evening. Generally good visibility away from cloud but brief reductions in showers.

Temperature: **Valleys:** 8C, rising to 12C, falling to 3C in evening.
At 600m: Plus 6 or 7C, falling to Plus 2C during evening.
Freezing level: Above summits.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.